Author Index

Andrew, R.J., see Vallortigara, G. (33) 41

Barfield, R.J., see Ihnat, R. (33) 257
Bluthé, R.-M., see Gheusi, G. (33) 59
Brédart, S. and Bruyer, R.
The cognitive approach to familiar face processing in human subjects (33) 213
Breed, M.D., Welch, C.K. and Cruz, R.
Kin discrimination within honey bee (*Apis mellifera*) colonies: An analysis of the evidence (33) 25
Bruyer, R., see Brédart, S. (33) 213

Carlier, P. and Gallo, A.
What motivates the food bringing behaviour of the peregrine falcon throughout breeding? (33) 247
Cruz, R., see Breed, M.D. (33) 25

Dantzer, R., see Gheusi, G. (33) 59
Desportes, J.-P., see Gallo, A. (33) 319
Dittrich, W.
How monkeys see others: Discrimination and recognition of monkeys' shape (33) 139
Duchatelle, E., see Gallo, A. (33) 319
Duggan, H., see Plowright, C.M.S. (33) 289
Duncan, I.J.H., see Kadri, F.L.T. (33) 273

Elkhessaimi, A., see Gallo, A. (33) 319
Elwood, R.W.
Temporal-based kinship recognition: A switch in time saves mine (33) 15

Feyereisen, P.
The behavioural cues of familiarity during social interactions among human adults: A review of the literature and some observations in normal and demented elderly subjects (33) 189

Gallo, A., Duchatelle, E., Elkhessaimi, A., Le Pape, G. and Desportes, J.-P.
Topographic analysis of the rat's bar behaviour in the Skinner box (33) 319
Gallo, A., see Carlier, P. (33) 247
Gheusi, G., Bluthé, R.-M., Goodall, G. and Dantzer, R.
Social and individual recognition in rodents: Methodological aspects and neurobiological bases (33) 59
Goodall, G., see Gheusi, G. (33) 59

Hepper, P.G.
Long-term retention of kinship recognition established during infancy in the domestic dog (33) 3

Ihnat, R., White, N.R. and Barfield, R.J.
Pup's broadband vocalizations and maternal behavior in the rat (33) 257

Jou, J. and Shanteau, J.
Gestalt and dynamic processes in decision making (33) 305

Kadri, F.L.T. and Duncan, I.J.H.
A new nonlinear model of mechanisms of motivation (33) 273
Kendrick, K.M.
Neurobiological correlates of visual and olfactory recognition in sheep (33) 89
Kruzynski, A., see Plowright, C.M.S. (33) 289

Lea, S.E.G., see Ryan, C.M.E. (33) 155
Le Pape, G., see Gallo, A. (33) 319

Millot, J.L.
Olfactory and visual cues in the interaction systems between dogs and children (33) 177

Plowright, C.M.S., Duggan, H. and Kruzynski, A.
Anticipatory contrast and diet selection by pigeons (33) 289

Rolls, E.T.
Brain mechanisms for invariant visual recognition and learning (33) 113
Ryan, C.M.E. and Lea, S.E.G.
Images of conspecifics as categories to be discriminated by pigeons and chickens: Slides, video tapes, stuffed birds and live birds (33) 155

Shanteau, J., see Jou, J. (33) 305

Vallortigara, G. and Andrew, R.J.
Differential involvement of right and left hemi-

sphere in individual recognition in the domestic chick (33) 41

Welch, C.K., see Breed, M.D. (33) 25
White, N.R., see Ihnat, R. (33) 257

Zayan, R.
Mental representations in the recognition of conspecific individuals (33) 233

Subject Index

Adult age, (33) 189
Amygdala, (33) 113
Animal behaviour, (33) 273

Bar press, (33) 319
Behaviour, (33) 319
Broadband vocalization, (33) 257

Chick, (33) 41
Chicken, (33) 155
Child, (33) 177
Choice, (33) 289
Competitive neuronal network, (33) 113
Concept discrimination, (33) 155
Contact, (33) 257
Contrast, (33) 289
Conversation, (33) 189

Decision making, (33) 305
Diet selection, (33) 289
Discrimination, (33) 25
Dishabituation, (33) 155
Dog, (33) 3
Domestic fowl, (33) 41

Face expression identification, (33) 113
Face recognition, (33) 89, (33) 113, (33) 213
Falco peregrinus brookéi, (33) 247
Feature analysis, (33) 139
Food bringing, (33) 247
Food transfer, (33) 247
Foraging, (33) 289

Individual recognition, (33) 59, (33) 139, (33) 155, (33) 233
Inferior temporal visual cortex, (33) 113
Interactive activation network, (33) 213
Isomorphism, (33) 233

Key press, (33) 139
Kin, (33) 25
Kin recognition, (33) 15
Kin selection, (33) 25

Lateralization, (33) 41
Learning, (33) 3
Left hemisphere, (33) 41

Macaque, (33) 139
Main olfactory system, (33) 59
Male – female relationships, (33) 247
Maternal behavior, (33) 257
Memory, (33) 3, (33) 89
Mental representation, (33) 233
Mother-offspring, (33) 3
Motivational model, (33) 273

Natural image, (33) 139
Nestmate, (33) 25
Neurobiological base, (33) 59
Nonlinear model, (33) 273
Non-verbal communication, (33) 189

Olfactory bulb, (33) 89
Olfactory cue, (33) 177
Olfactory discrimination, (33) 59
Olfactory recognition, (33) 89
Orbitofrontal cortex, (33) 113

Parental behaviour, (33) 247
Peregrine falcon, (33) 247
Person identification, (33) 213
Pet dog, (33) 177
Pigeon, (33) 155
Pigeons, (33) 289
Prosopagnosia, (33) 213
Pup, (33) 257

Rapidity of acquisition, (33) 319
Rat, (33) 319
Recognition, (33) 25
Relationship, (33) 189
Reversed sexual size dimorphism, (33) 247
Right hemisphere, (33) 41
Risk aversion, (33) 305
Risk seeking, (33) 305
Rodent, (33) 59

Senile dementia, (33) 189
Sheep-temporal cortex, (33) 89
Sibling, (33) 3
Smell, (33) 3
Social cognition, (33) 59
Social concept, (33) 139
Social recognition, (33) 59

Species discrimination, (33) 139
State mediated recognition, (33) 15

Temporal change, (33) 15
Time horizon, (33) 289
Topographic analysis, (33) 319

Vasopressin, (33) 59
Video display, (33) 155
Visual cue, (33) 177
Volterra series, (33) 273
Vomeronasal system, (33) 59